JUN 6 RECD

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SEARCH REQUEST FORM   Scientific and Technical Information Center - EIC2800
Rev. 1/26/2006   This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date: 6/5/06   Serial # 10/812,277   Priority Application Date 3/20/04

Your Name M. Lewis   Examiner # 7372

AU 2822   Phone 272-1834   Room 5A30

In what format would you like your results? Paper is the default.   (PAPER)   DISK   EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Need before 6/12

Where have you searched so far on this case?
Circle: USPT   DWPI   EPO Abs   JPO Abs   IBM TDB
Other:_____

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.
_____

What types of references would you like? Please checkmark:

Primary Refs ___✓___   Nonpatent Literature ___   Teaching Refs ___
Secondary Refs ___✓___   Foreign Patents ___   Other _____

Is this a "Fast & Focused Search" request? (Circle One)   YES   (NO)

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at http://uspto-a-pattr-2/siraapps/stic/npl/nplsearch.htm

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What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search?   Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 1,5,&26-39
Interposer - Folded
Minimize Size

Problem: see pages 1+2
Solution: "   "   abstract

US 2004/0021211

Staff Use Only

Searcher: Paul Kim

Searcher Phone: 6/12/06 2-8949

Searcher Location: STIC-EIC2800, JEF-4B68

Date Searcher Picked Up: 6/12/06

Date Completed: 6/12/06

Searcher Prep/Rev Time: 2 hrs

Online Time: 2 hrs

Type of Search
Structure (#)_____
Bibliographic_____
Litigation_____
Fulltext_____
Patent Family_____
Other_____

Vendors
STN ___✓___
Dialog ___✓___
Questel/Orbit_____
Lexis-Nexis ___✓___
WWW/Internet ___✓___
Other _____

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Search Session History

BROWSE   SEARCH   IEEE XPLORE GUIDE   SUPPORT

Mon, 12 Jun 2006, 3:42:20 PM EST

Edit an existing query or compose a new query in the Search Query Display.

Search Query Display

Select a search number (#) to:
- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries   **Results**

#1   (interposer folded<in>metadata)   0

#2   ((interposer <in>metadata) <and> (die<in>metadata))<and>   16
          (solder<in>metadata)

#3   fold and interposer   17

#4   (flexible and interposer<IN>metadata)   29

#5   (flexible and interposer and second<IN>metadata)   19

#6   (flexible and interposer and contact<IN>metadata)   9

Indexed by
Inspec®

Reconnected in file OS 12jun06 15:15:33

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     File   2:INSPEC 1898-2006/Jun W1
            (c) 2006 Institution of Electrical Engineers
     File  94:JICST-EPlus 1985-2006/Mar W2
            (c)2006 Japan Science and Tech Corp(JST)

  Set     Items     Description
  S1       6769     INTERPOS?
  S2     788533     FOLD??? OR FLEX? OR CURV? OR BEND?
  S3     131688     SOLDER () COLUMN? ? OR SOLDER () CONTACT? ? OR CONDUCT? ()
                       BUMP? ? OR SOLDER () BALL? ? OR MOUNT? () CONNECT? OR EPOXY ()
                       BEAD? ? OR TERMINAL? ?
  S4     313358     SOLDER? ? OR CONTACT? ? OR CONDUCT? ? OR BUMP? ? OR BALL? ?
                       OR BEAD? ?
  S5    1986724     SURFACE? ? OR EXTERIOR? ? OR LAYER? ? OR OUTSIDE OR OUTER
  S6       1018     STACKED () ARRANGEMENT? ? OR MULTIPLE () HOUSING? ? OR CHIP
                       () MOUNT?
  S7         63     S1 (3N) S2
  S8         28     S7 AND S4
  S9         26     RD  (unique items)
  S10        12     S1 AND S6
  S11         4     S10 AND S2
  S12     28619     S4 (4N) S5
  S13         7     S12 AND S7
  S14        11     S13 OR S11
  S15         5     S14 NOT S9
```

Paul Kim
571-272-8949

	L #	Hits	Search Text	DBs	Time Stamp
1	L2	0	("6750536").URPN.	USPAT	2006/06/12 14:25
2	L3	3	("5909058" | "6002165" | "6060774").PN.	US-PGPUB; USPAT; USOCR	2006/06/12 14:26
3	L4	7	("5909058" | "6002165" | "6060774").PN.	US-PGPUB; USPAT; USOCR; DERWENT	2006/06/12 14:26
4	L6	24	(("20030062614") or ("20030148597") or ("5,506,753") or ("5,909,058") or ("6,002,165") or ("6,060,774") or ("6,184,064") or ("6,208,521") or ("6,225,695") or ("6,297,548") or ("6,433,418")).PN.	US-PGPUB; USPAT; USOCR; DERWENT	2006/06/12 14:32
5	L7	3	(("6750536") or ("20030062614") or ("6208521")).PN.	US-PGPUB; USPAT; USOCR	2006/06/12 14:32
6	L8	4	("2003/0062614").URPN.	USPAT	2006/06/12 14:32
7	L9	0	("6750536").URPN.	USPAT	2006/06/12 14:33
8	L10	3	("5909058" | "6002165" | "6060774").PN.	US-PGPUB; USPAT; USOCR	2006/06/12 14:33
9	L11	46	("6208521").URPN.	USPAT	2006/06/12 14:34

	L #	Hits	Search Text	DBs	Time Stamp
10	L12	21	("3242384" | "3873889" | "4991290" | "5008496" | "5220488" | "5224023" | "5252857" | "5265322" | "5345205" | "5386341" | "5448511" | "5519578" | "5565705" | "5646446" | "5717556" | "5789815" | "5805422" | "5926369" | "5956234" | "5963427").PN.	US-PGPUB; USPAT; USOCR	2006/06/12 14:49
11	L13	1	("20040021211").PN.	US-PGPUB; USPAT; USOCR	2006/06/12 14:49
12	L14	6	("2004/0021211").URPN.	USPAT	2006/06/12 14:50

6/12/2006, EAST Version: 2.0.3.0